

# Engineering & Capital Projects



## Department Description

The Engineering and Capital Projects Department (E&CP) provides a full range of engineering services for the City's capital investment in its various types of infrastructure and provides traffic engineering services to the community. The Department is responsible for the planning, design, project management, and construction management of public improvement projects; quality control and inspection of private work permitted in the right-of-way; surveying and materials testing; and providing traffic operations and transportation engineering services. The Department's activities include work on various public infrastructure assets to rehabilitate, restore, improve, and add to the City of San Diego's capital facilities. The Capital Improvement Program (CIP) covers a wide range of projects including libraries; fire, lifeguard and police stations; parks and recreation centers; lighting and traffic signals, street improvements, bikeways and other transportation projects; drainage and flood control facilities; rebuilding and expanding water and sewer pipelines, treatment plants, and pump stations; and dry utilities under-grounding projects. Traffic engineering services include transportation system forecasting and program management, responding to traffic requests from the public, maintaining the City's traffic signal systems, and performing traffic safety analyses.

These functions are provided through five divisions within the Department.

### Architectural Engineering & Parks Division

This division manages the implementation of non-right-of-way and vertical capital improvement projects. This responsibility includes the design and project management of public buildings, parks, recreation facilities, airport-related projects, water and sewer treatment plants, reservoirs, and pump station projects.

### Field Engineering Division

This division manages construction contracts, materials testing, land surveying services, and geological assessment/support. This responsibility includes quality assurance/quality control inspection of CIP projects on City property or within the City's right of way, inspection of private land development of public infrastructure, land survey support for design mapping/construction staking, traffic engineering support during construction, and testing of construction materials in the field and at manufacturing facilities throughout the region.

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## Project Implementation and Technical Services Division

The Division provides centralized technical, operational, and project support services to the other divisions within the Department, as well as other departments in the City. These services include preliminary engineering and asset management, project controls, CIP fund management, Americans with Disabilities Act (ADA) compliance review for CIP projects, quality control and standards, environmental and permitting assistance, community outreach, and information technology.

## Right-of-Way Design Division

This division manages the implementation of right-of-way and related horizontal capital improvement projects. This responsibility includes the design and project management of water and sewer pipelines, transportation and street-related projects, bridges, flood plains and drainage infrastructure, signals, streetlights, and utilities under-grounding projects.

## Transportation System Engineering & Operations Division

This division manages and coordinates the planning, modeling, and efficient and safe operation of the City's transportation system. This responsibility includes program management and coordination with regional transportation agencies; traffic investigations and studies for signs, markings, traffic control devices, speeding concerns, and parking issues; accident data analyses; traffic signal systems management; traffic studies including traffic counts and radar speed surveys; and investigation and programming of street lights, pedestrian safety, and safe routes to school projects.

The Department's mission is:

*To provide exceptional engineering services including technical and operational support, design and construction for the Capital Improvement Program, oversight of development of public infrastructure and facilities, and transportation system management*

## Goals and Objectives

Fiscal Year 2010 goals and objectives are reprinted here as they were originally adopted. They have not been updated to reflect mid-year budget reductions, as implementation of those changes will occur in phases during the remainder of Fiscal Year 2010, making it difficult to provide reliable projections of service levels and performance targets. Additionally, an effort is currently underway to update the City's Strategic Plan goals and objectives, which may also alter the City's objectives, strategies, and performance expectations for the remainder of Fiscal Year 2010 and beyond.

### ***Goal 1: Provide courteous, accessible, seamless, and responsive services to foster partnerships and strengthen relationships with communities, industry, service providers, and customers***

With customers being the focal point of how E&CP delivers services, this goal is the starting point for achieving its objectives. The Department recognizes that its customers play a crucial role in how, when, and why it delivers a product. The Department will move toward accomplishing this goal by focusing on the following objectives.

- Communicate clearly and effectively and collaborate with internal and external customers
- Manage customer expectations to achieve customer satisfaction
- Deliver services seamlessly to customers

### ***Goal 2: Manage and utilize personnel and processes to effectively and efficiently deliver projects***

The Department must ensure the delivery of an efficient and effective product or service to its customer. The Department will move toward accomplishing this by focusing on the following objectives.

- Deliver capital projects on time and in a cost effective manner
- Deliver the overall capital program in accordance with the annual execution plans

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## ***Goal 3: Implement a uniform and objective ranking system to prioritize all CIP projects effectively and efficiently***

This goal is focused on making sure that the Department is targeting its CIP resources toward its greatest needs. The Department will move toward accomplishing this by focusing on the following objective.

- Institute and maintain a project prioritization system to include all asset classes and project types

## ***Goal 4: Manage resources to effectively respond to transportation operations requests***

This goal is focused on making sure that transportation operations requests are resolved in a timely manner. The Department will move toward accomplishing this by focusing on the following objective.

- Evaluate and respond to traffic requests in a high quality, professional, and timely manner

## Service Efforts and Accomplishments

During Fiscal Year 2010, the Engineering and Capital Projects Department delivered design services and managed construction exceeding \$776.0 million in capital improvement projects. A sampling of design and construction capital improvement projects undertaken during Fiscal Year 2010 is as follows:

- **Buildings and Other Facilities:** Construction completion of accessibility improvements to Swanson-Standley Pool, Kearny Mesa Pool, Memorial Pool, Encanto Teen Center, Tierra Santa Recreation Center and Euclid Community Resource Center, ADA improvements to four libraries: University Community, Skyline Branch, Clairemont Branch, and North Clairemont Branch, as well as Balboa Tennis Club, Northern Police Station, South Claremont Recreation Center, Balboa Sidewalks, Cesar Chavez Community Center, Euclid Community Center, and various sidewalks and curb ramps throughout the City. Completed expansion and remodel of the Rancho Bernardo Fire Station 33 and Fire Station 1 Downtown and construction of the new Logan Heights Branch Library. Completed construction documents and bidding process for the New Central Library.
- **Parks:** Completed General Development Plans and construction drawings for the West Lewis Mini Park, Wegforth Elementary and Angiers Elementary Joint Use Parks, the new comfort station at Mission Trails Regional Park Equestrian Area, and the Balboa Park Golf Course irrigation upgrades. Completed construction documents and awarded construction contracts for Birney Joint Use Field, Montclair Park and Martin Luther King Park Tot Lots, Montgomery Waller and Birdrock Elementary School Joint Use Park ADA upgrades, North Chollas Open Space Enhancement, and Picnic Shelters at North Crown Point Park. Completed construction on the Carson Elementary Joint Use Park and Taylor Street Slope Rehabilitation projects, the Ocean Air Community Park and Recreation Center and, NTC Park projects.
- **Water and Sewer Facilities:** Completed 60 miles of sewer main and trunk sewer replacements/rehabilitations, manholes, sewer laterals, and related appurtenances. Installed 20 miles of water main replacements, water services, valves, pressure reducing stations and related appurtenances. Design and/or construction of the following projects: Seismic retrofits to Large Diameter Water Mains, Otay Water Treatment Plant Phase I & II, South Mission Valley Trunk Sewer, La Jolla Reservoir Upgrade, Ozone Facility at Alvarado Water Treatment Plant, Ozone Facility at the Miramar Water Treatment Plant, Point Loma Waste Water Treatment Plant Grit Processing Facility, and 29 new or retrofitted sewer pump stations. Began construction of Sewer Pump Station 41.
- **Utilities Undergrounding:** This program implements removal of utilities and affiliated poles (electric, phone, cable) from overhead and replaces them underground. Approximately 55.5 miles will be in construction and of that, approximately 21.1 miles are targeted for completion. At Fiscal Year 2010 year end, an estimated 59.2 miles will be in a design phase that would go to construction in 2011 and 2012.
- **Transportation:** Design of the following projects: Shoal Creek Pedestrian Bridge, Skyline Drive Median and Parkway Improvements, Juan Street Reconstruction, San Diego River Multi-Use Path, various signal modifications, traffic calming measures, and new signals citywide. Construction of the following projects: Ocean Beach Bike Path, 43rd and Logan, Midway and Rosecrans Improvements, Normal Street Median, Otay Truck Route Widening Phase III, Potomac Street Improvements, Bayside Walk & Mission

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Bay Drive Traffic Signal, San Ysidro Streetscape Improvements, various sidewalks and curb ramps, traffic calming measures, signal modifications, and new signal installations citywide.

- **Drainage:** Design of the following storm drain facilities and water quality improvement projects: 6th Avenue Storm Drain, Talbot Street Slope Repair, and Memorial Park Infiltration. Construction of the following storm drains: La Playa Storm Drain, Ransom and Darwin Storm Drains, Ingulf Storm Drain, Wenrich Storm Drain, and Aldine Drive Slope Repair.

Engineering and Capital Projects also provided program management services for the transportation capital improvement projects; responded to requests for investigation of traffic, bicycle and pedestrian issues; evaluated requests for street lights and all-weather walkways/safe routes to school; and managed the Red Light Photo Enforcement Program.

In the first half of Fiscal Year 2010, the Department identified and prioritized both unfunded and partially funded transportation projects, and programmed available transportation funding per Council Policy 800-14, Prioritizing Transportation and Drainage CIP Projects. The Department supported efforts in securing and programming over \$40.0 million of Prop 1B, ARRA, CDBG-R funds, and transportation discretionary grants for multiple projects. In addition, the Department modified the Pedicab regulations to increase safety and ease of enforcement. The Department also has a tiered performance measure that requires turnaround times (30, 60, and 90-day standards depending on urgency and complexity) for traffic operations investigations including responses to constituent concerns with the goal of completing the requests within the standards 90 percent of the time.

Finally, in Fiscal Year 2010, the Department responded to emergencies and other unplanned work for the following storm drain repairs: 4020 Murphy Canyon, Florida Canyon, Pump Station D, Garnet Avenue, and College Avenue. The Department also completed the restoration of Florida Canyon Slope and drainage facility; continued their response to the Desert View Drive Alley of the Soledad Mountain Road Landslide and the Ruffin Road Storm Drain failure; completed the Ocean Beach Comfort Station demolition; and provided environmental permitting and surveying support for the Tijuana River Valley. E&CP staff continues to lead the efforts to stabilize the areas and provide long term repairs for all of these emergency incidents.

# Engineering & Capital Projects

## Department Summary

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
Positions	526.00	529.66	3.66
Personnel Expenses	52,985,244	58,014,137	5,028,893
Non-Personnel Expenses	11,532,218	85,791,208	74,258,990
<b>Total Department Expenses</b>	<b>64,517,462</b>	<b>143,805,345</b>	<b>79,287,883</b>
<b>Total Department Revenue</b>	<b>113,430,432</b>	<b>114,363,553</b>	<b>933,121</b>

## General Fund

### Department Expenditures

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
Transportation Engineering Operations	7,681,219	7,531,495	(149,724)
Right-of-Way Design	13,580,742	14,977,737	1,396,995
Project Implementation & Tech. Services	12,493,700	12,987,489	493,789
Field Engineering	18,077,596	18,945,057	867,461
Architectural Engineering	6,794,257	7,366,411	572,154
Business & Support Services	4,716,553	4,742,481	25,928
<b>Fund Total</b>	<b>63,344,067</b>	<b>66,550,670</b>	<b>3,206,603</b>

### Department Personnel

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
Transportation Engineering Operations	53.00	53.00	0.00
Right-of-Way Design	120.50	123.16	2.66
Project Implementation & Tech. Services	107.00	108.00	1.00
Field Engineering	144.00	144.50	0.50
Architectural Engineering	52.50	52.50	0.00
Business & Support Services	42.50	42.00	(0.50)
<b>Fund Total</b>	<b>519.50</b>	<b>523.16</b>	<b>3.66</b>

### Significant Budget Adjustments

	FTE	Expenditure	Revenue
<b>Revenue from New/Revised User Fees</b>	0.00	0	55,860
Adjustment to reflect an anticipated increase from the implementation of new and revised user fee charges.			
<b>Adjustment to Hourly Personnel Funding</b>	7.66	292,644	0
Funding allocated according to a zero-based annual review of hourly funding requirements.			
<b>Adjustment to Contracts and Equipment Outlay</b>	0.00	1,877,724	0
Funding allocated according to a zero-based annual review of contract and equipment outlay requirements.			
<b>Budget Adjustments Total</b>	<b>7.66</b>	<b>2,170,368</b>	<b>55,860</b>

# Engineering & Capital Projects

## Expenditures by Category

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
<b>PERSONNEL</b>			
Salaries and Wages	35,457,071	35,342,029	(115,042)
Fringe Benefits	16,956,385	21,991,490	5,035,105
<b>SUBTOTAL PERSONNEL</b>	<b>52,413,456</b>	<b>57,333,519</b>	<b>4,920,063</b>
<b>NON-PERSONNEL</b>			
Supplies	1,394,242	1,130,241	(264,001)
Contracts	4,231,046	3,504,677	(726,369)
Information Technology	4,093,244	3,614,604	(478,640)
Energy and Utilities	181,654	176,881	(4,773)
Other	788,697	691,020	(97,677)
Capital Expenditures	241,255	99,255	(142,000)
Debt	473	473	0
<b>SUBTOTAL NON-PERSONNEL</b>	<b>10,930,611</b>	<b>9,217,151</b>	<b>(1,713,460)</b>
<b>Total</b>	<b>63,344,067</b>	<b>66,550,670</b>	<b>3,206,603</b>

## Revenues by Category

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
Licenses and Permits	84,500	101,960	17,460
Fines, Forfeitures, and Penalties	1,193,809	1,193,809	0
Revenue from Money and Property	57,283	57,283	0
Charges for Current Services	44,018,113	44,056,513	38,400
Other Revenue	6,000	6,000	0
Other Financial Sources (Uses)	18,040,295	18,040,295	0
<b>Total</b>	<b>63,400,000</b>	<b>63,455,860</b>	<b>55,860</b>

## Department Personnel Expenditures

Job Number	Job Title	FY2010 Budget	FY2011 Proposed	Salary Range	Total
20000011	Account Clerk	5.00	5.00	31,491 - 37,918	109,772
20000012	Administrative Aide 1	1.00	1.00	36,962 - 44,533	43,112
20000015	Sr Mgmt Anlyst	9.00	9.00	59,363 - 71,760	629,694
20000024	Administrative Aide 2	4.00	4.00	42,578 - 51,334	196,183
20000070	Asst Eng-Civil	135.00	135.00	57,866 - 69,722	8,393,687
20000077	Asst Eng-Electrical	5.00	5.00	57,866 - 69,722	337,803
20000116	Asst Eng-Traffic	27.00	27.00	57,866 - 69,722	1,504,064
20000119	Asoc Mgmt Anlyst	14.00	13.00	54,059 - 65,333	791,580
20000137	Asoc Mgmt Anlyst(Trainer)	0.00	1.00	54,059 - 65,333	58,758
20000143	Asoc Eng-Civil	85.00	85.00	66,622 - 80,454	6,376,121

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## Department Personnel Expenditures (Cont'd)

Job Number	Job Title	FY2010 Budget	FY2011 Proposed	Salary Range	Total
20000150	Asoc Eng-Electrical	2.00	2.00	66,622 - 80,454	156,886
20000154	Asoc Eng-Mechanical	1.00	1.00	66,622 - 80,454	78,443
20000162	Asoc Planner	6.00	6.00	56,722 - 68,536	396,905
20000167	Asoc Eng-Traffic	17.00	17.00	66,622 - 80,454	1,304,270
20000290	Info Sys Anlyst 2	2.00	2.00	54,059 - 65,333	123,000
20000293	Info Sys Anlyst 3	1.00	1.00	59,363 - 71,760	71,760
20000312	Sr Department HR Analyst	1.00	0.00	59,363 - 71,760	0
20000377	Info Sys Tech	1.00	1.00	42,578 - 51,334	0
20000518	Principal Survey Aide	8.00	8.00	50,003 - 60,549	468,214
20000539	Clerical Asst 2	9.00	9.00	29,931 - 36,067	277,221
20000545	Contracts Processing Clrk	4.00	4.00	32,968 - 39,811	115,254
20000551	Jr Engineer-Civil	1.50	0.00	50,003 - 60,549	0
20000669	Park Designer	4.00	4.00	66,664 - 80,496	235,452
20000680	Payroll Spec 2	3.50	3.00	34,611 - 41,787	99,975
20000740	Principal Drafting Aide	1.00	1.00	50,003 - 60,549	53,742
20000743	Principal Engrng Aide	51.00	51.00	50,003 - 60,549	2,499,783
20000748	Principal Traffic Engrng Aide	5.00	5.00	50,003 - 60,549	232,013
20000756	Word Processing Oper	7.00	7.00	31,491 - 37,918	256,514
20000760	Project Assistant	7.00	7.00	57,866 - 69,722	459,600
20000761	Project Ofcr 1	6.00	6.00	66,622 - 80,454	463,473
20000763	Project Ofcr 2	7.00	7.00	76,794 - 92,851	537,608
20000784	Public Info Ofcr	1.00	1.00	43,514 - 52,707	44,110
20000830	Sr Engineering Geologist	1.00	1.00	76,794 - 92,851	0
20000869	Sr Account Clrk	1.00	1.00	36,067 - 43,514	42,426
20000885	Sr Civil Engineer	24.00	24.00	76,794 - 92,851	2,046,177
20000900	Sr Engineering Aide	2.00	2.00	44,429 - 53,706	104,726
20000916	Sr Public Info Ofcr	2.00	2.00	54,059 - 65,333	120,302
20000918	Sr Planner	4.00	4.00	65,354 - 79,019	308,172
20000924	Executive Secretary	0.50	0.50	43,555 - 52,666	25,669
20000926	Sr Traffic Engineer	10.00	10.00	76,794 - 92,851	808,290
20000927	Sr Clerk/Typist	4.00	4.00	36,067 - 43,514	168,399
20000929	Sr Survey Aide	4.00	4.00	44,429 - 53,706	209,452
20000964	Student Engineer	5.00	4.00	26,707 - 32,011	66,768
20000970	Supv Mgmt Anlyst	3.00	3.00	66,768 - 80,891	235,392
20000998	Info Sys Anlyst 4	1.00	1.00	66,768 - 80,891	80,891

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## Department Personnel Expenditures (Cont'd)

Job Number	Job Title	FY2010 Budget	FY2011 Proposed	Salary Range	Total
20001014	Sr Land Surveyor	2.00	2.00	76,794 - 92,851	181,060
20001018	Land Surveyng Assist	13.00	13.00	57,866 - 69,722	866,432
20001019	Land Surveyng Asoc	5.00	5.00	66,622 - 80,454	388,146
20001114	Engrng & Cap Proj Dir	1.00	1.00	59,155 - 224,099	139,194
20001140	Asst Department Director	1.00	1.00	31,741 - 173,971	129,054
20001168	Deputy Director	5.00	5.00	46,966 - 172,744	572,112
90000070	Asst Eng-Civil NP	0.00	0.30	57,866 - 69,722	17,360
90000400	Sr Drafting Aide NP	0.00	0.36	44,429 - 53,706	15,994
90000856	Sr Mechanical Engineer NP	0.00	0.50	76,794 - 92,851	38,397
90000885	Sr Civil Engineer NP	0.00	0.50	76,794 - 92,851	38,397
90001019	Land Surveyng Asoc NP	0.00	0.50	66,622 - 80,454	33,311
90001073	Management Intern NP	0.00	5.00	24,274 - 29,203	121,370
90001146	Student Intern NP	0.00	0.50	18,616 - 22,318	9,308
	Exceptional Performance Pay-Classified				13,715
	Termination Pay Annual Leave				77,768
	Bilingual - Regular				8,736
	Reg Pay For Engineers				1,743,890
	Landscape Architect Lic				12,074
	Overtime Budgeted				404,050
<b>Salaries and Wages Total</b>		<b>519.50</b>	<b>523.16</b>		<b>35,342,029</b>

## Fringe Benefits

Retirement ARC	11,573,161
Supplemental Pension Savings Plan	1,206,061
Retirement Offset Contribution	1,108,853
Retirement DROP	79,717
Employee Offset Savings	366,223
Workers' Compensation	292,104
Flexible Benefits	2,975,858
Risk Management Administration	470,890
Long-Term Disability	306,823
Unemployment Insurance	71,430
Medicare	454,759
Other Post-Employment Benefits	3,053,091
Unused Sick Leave	27,027



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## Department Personnel Expenditures (Cont'd)

Job Number	Job Title	FY2010 Budget	FY2011 Proposed	Salary Range	Total
	Retirement 401 Plan				4,395
	Retiree Medical Trust				1,098
<b>Fringe Benefits Total</b>					<b>21,991,490</b>
<b>Personnel Expenses Total</b>					<b>57,333,519</b>

## Department Budget by Program

	FY2011 Positions	FY2011 Expenditures	FY2011 Revenue
Bicycle Programs	1.00	113,317	0
Bridges, Transportation, and Streets	33.00	3,834,969	4,708,391
Business Support	39.00	4,046,936	0
Construction Management & Inspections	97.50	11,948,617	15,091,508
Department Management	4.00	1,607,670	2,926,380
Drainage	11.50	1,371,650	708,617
Engineering Modeling Services	0.00	9,691	6,000
General Administration/Management	24.00	2,897,565	1,092,063
General Requirements Contracts and A/E Consultant Services	8.50	965,383	350,088
Infrastructure Assets	5.00	438,021	0
Liaison	1.00	164,833	0
Materials Test Lab	23.00	2,243,459	2,272,151
Modeling	3.00	358,053	0
Operations Support	13.00	1,347,919	2,991,494
Pedicab	1.00	128,314	61,960
Preliminary Engineering	3.00	349,338	0
Private Agency/Public Building/Project Management	26.00	3,386,322	2,474,418
Project Management	76.50	8,795,214	5,387,059
Red Light Photo Enforcement Program	1.00	1,145,516	1,193,809
Street Lights	1.00	112,986	0
Surveys	30.50	3,685,836	1,754,018
Traffic Signal	9.00	984,377	2,752,735
Traffic Systems Safety	10.00	1,059,094	362,659
Transportation Alternative Program	1.00	69,050	0
Transportation Systems & Programming	2.00	301,793	0
Water & Sewer Treatment Facilities	24.50	3,126,484	3,821,762
Water & Wastewater Pipelines	74.16	8,443,659	15,500,748
IT Non-Discretionary	0.00	3,614,604	0
<b>Total</b>	<b>523.16</b>	<b>66,550,670</b>	<b>63,455,860</b>

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## Underground Surcharge Fund

### Department Expenditures

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
Right-of-Way Design	1,173,395	77,254,675	76,081,280
<b>Fund Total</b>	<b>1,173,395</b>	<b>77,254,675</b>	<b>76,081,280</b>

### Department Personnel

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
Right-of-Way Design	6.50	6.50	0.00
<b>Fund Total</b>	<b>6.50</b>	<b>6.50</b>	<b>0.00</b>

### Significant Budget Adjustments

	FTE	Expenditure	Revenue
<b>Revised Expenditure Adjustment</b>	0.00	75,988,842	0
Reimbursement of San Diego Gas and Electric undergrounding expenditures which were previously budgeted under the City's Capital Improvement Program.			
<b>Revised Revenue</b>	0.00	0	877,261
Adjustment to reflect Fiscal Year 2011 revenue projections.			
<b>Budget Adjustments Total</b>	<b>0.00</b>	<b>75,988,842</b>	<b>877,261</b>

### Expenditures by Category

	FY2010 Budget	FY2011 Proposed	FY2010–2011 Change
<b>PERSONNEL</b>			
Salaries and Wages	378,021	387,529	9,508
Fringe Benefits	193,767	293,089	99,322
<b>SUBTOTAL PERSONNEL</b>	<b>571,788</b>	<b>680,618</b>	<b>108,830</b>
<b>NON-PERSONNEL</b>			
Supplies	25,456	25,456	0
Contracts	412,402	76,401,428	75,989,026
Information Technology	116,362	96,565	(19,797)
Energy and Utilities	3,019	3,914	895
Other	10,176	12,502	2,326
Capital Expenditures	34,192	34,192	0
<b>SUBTOTAL NON-PERSONNEL</b>	<b>601,607</b>	<b>76,574,057</b>	<b>75,972,450</b>
<b>Total</b>	<b>1,173,395</b>	<b>77,254,675</b>	<b>76,081,280</b>

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## Revenues by Category

	FY2010 Budget	FY2011 Proposed	FY2010-2011 Change
Other Local Taxes	49,481,890	50,358,037	876,147
Revenue from Money and Property	450,282	549,656	99,374
Charges for Current Services	98,260	0	(98,260)
<b>Total</b>	<b>50,030,432</b>	<b>50,907,693</b>	<b>877,261</b>

## Department Personnel Expenditures

Job Number	Job Title	FY2010 Budget	FY2011 Proposed	Salary Range	Total
<b>20000070</b>	Asst Eng-Civil	2.00	2.00	57,866 - 69,722	132,255
<b>20000143</b>	Asoc Eng-Civil	1.00	1.00	66,622 - 80,454	78,443
<b>20000556</b>	Jr Engineering Aide	1.00	1.00	38,688 - 46,571	45,407
<b>20000743</b>	Principal Engrng Aide	1.00	1.00	50,003 - 60,549	59,035
<b>20000748</b>	Principal Traffic Engrng Aide	1.00	1.00	50,003 - 60,549	59,035
<b>20000964</b>	Student Engineer	0.50	0.50	26,707 - 32,011	13,354
<b>Salaries and Wages Total</b>		<b>6.50</b>	<b>6.50</b>		<b>387,529</b>

## Fringe Benefits

Retirement ARC	139,311
Supplemental Pension Savings Plan	12,113
Retirement Offset Contribution	13,502
Employee Offset Savings	3,971
Workers' Compensation	19,847
Flexible Benefits	42,525
Risk Management Administration	6,860
Long-Term Disability	3,573
Unemployment Insurance	833
Medicare	5,759
Other Post-Employment Benefits	44,478
Unused Sick Leave	317
<b>Fringe Benefits Total</b>	<b>293,089</b>

<b>Personnel Expenses Total</b>	<b>680,618</b>
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## Department Budget by Program

	FY2011 Positions	FY2011 Expenditures	FY2011 Revenue
General Administration/Management	0.00	6,722	0
Utilities Undergrounding	6.50	77,151,388	50,907,693

# Engineering & Capital Projects

## Department Budget by Program

	FY2011 Positions	FY2011 Expenditures	FY2011 Revenue
IT Non-Discretionary	0.00	96,565	0
<b>Total</b>	6.50	77,254,675	50,907,693

# Engineering & Capital Projects

## Revenue and Expense Statement

	FY2010 Budget	FY2011 Proposed
<b>UTILITIES UNDERGROUNDING PROGRAM FUND</b>		
<b>BEGINNING BALANCE AND RESERVES</b>		
Balance from Prior Year		33,846,982
Prior Year Continuing Appropriations	27,630,513	
<b>TOTAL BALANCE AND RESERVES</b>	<b>27,630,513</b>	<b>33,846,982</b>
<b>REVENUE</b>		
Electric Surcharge	49,481,890	50,358,037
Interest on Investments	450,282	549,656
Services to Other Funds	98,260	
<b>TOTAL REVENUE</b>	<b>50,030,432</b>	<b>50,907,693</b>
<b>TOTAL BALANCE, RESERVES, AND REVENUE</b>	<b>77,660,945</b>	<b>84,754,675</b>
<b>CAPITAL IMPROVEMENT PROGRAM (CIP)</b>		
CIP Expenditures	48,857,037	7,500,000
<b>TOTAL CIP EXPENSE</b>	<b>48,857,037</b>	<b>7,500,000</b>
<b>OPERATING EXPENSE</b>		
Personnel	1,173,395	680,618
Non-Personnel		76,574,057
<b>TOTAL OPERATING EXPENSE</b>	<b>1,173,395</b>	<b>77,254,675</b>
<b>EXPENDITURE OF PRIOR YEAR FUNDS</b>		
Expenditure of Prior Year Funds	27,630,513	
<b>TOTAL EXPENDITURE OF PRIOR YEAR FUNDS</b>	<b>27,630,513</b>	
<b>TOTAL EXPENSE</b>	<b>77,660,945</b>	<b>84,754,675</b>
<b>BALANCE</b>		
<b>TOTAL EXPENSE, RESERVES AND BALANCE</b>	<b>77,660,945</b>	<b>84,754,675</b>

